



STIC Search Report

EIC 2800

STIC Database Tracking Number: 139666

TO: Javaid Nasri
Location: JEF- 10A55
Art Unit : 2839
Tuesday, December 07, 2004

Case Serial Number: 10/662947

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 10/662,947 US 6,296,503

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

**Thanks,
Darcy Bates**

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 3/15/2004 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEP-4B68, 272-2511.

Date <u>12-7-04</u>	Serial # <u>10/662,947</u>	Priority Application Date _____
Your Name <u>J. Nasri</u>	Examiner # <u>74770</u>	
AU <u>2839</u>	Phone <u>22095</u>	Room <u>Jef - 10A 55</u>
In what format would you like your results? Paper is the default.		PAPER DISK EMAIL

If submitting more than one search, please prioritize in order of need.

The EIC searcher normally will contact you before beginning a prior art search. If you would like to sit with a searcher for an interactive search, please notify one of the searchers.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: _____

What relevant art have you found so far? Please attach pertinent citations or Information Disclosure Statements. _____

What types of references would you like? Please checkmark:

Primary Refs _____ Nonpatent Literature _____ Other Litigation
Secondary Refs _____ Foreign Patents _____
Teaching Refs _____

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Litigation Search

Staff Use Only	Type of Search	Vendors
Searcher: _____	Structure (#) _____	STN _____
Searcher Phone: _____	Bibliographic _____	Dialog _____
Searcher Location: STIC-BIC2800, JEF-4B68	Litigation _____	Quintal/Orbit _____
Date Searcher Picked Up: _____	Fulltext _____	Lexis-Nexis _____
Date Completed: _____	Patent Family _____	WWW/Internet _____
Searcher Prep/Rev Time: _____	Other _____	Other _____
Online Time: _____		

PALM INTRANET

Application Number Information

Application Number: 10/662947 [Assignments](#)

Filing Date: 09/16/2003

Effective Date: 09/16/2003

Application Received: 09/16/2003

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 1509.1021-RED

Status: 30 /DOCKETED NEW CASE - READY FOR EXAMINATION

Confirmation Number: 1496

Examiner Number: 74770 / [NASRI, JAVAID](#)

Group Art Unit: 2839 [IFW IMAGE](#)

Class/Subclass: 439/266.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

Secrecy Order: NO

Status Date: 11/17/2004

Oral Hearing: NO

Title of Invention: IC SOCKET FOR ELECTRICAL PARTS WITH IMPROVED ELECTRICAL CONTACT

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
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Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data	Inventors	Add'l
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Search Another: Application# or Patent#
PCT / / or PG PUBS #
Attorney Docket #
Bar Code #

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PALM INTRANET

Day : Tuesday
Date: 12/7/2004
Time: 07:48:21

Continuity Information for 10/662947

Parent Data

10662947

is a reissue of [09319127](#)

is a division of [10207818](#)

Which is a reissue of [09319127](#)

Child Data

No Child Data

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PALM INTRANET
Application Number InformationApplication Number: **09/319127 Assignments**Filing Date: **06/01/1999**Effective Date: **06/01/1999**Application Received: **06/01/1999**Patent Number: **6296503**Issue Date: **10/02/2001**Date of Abandonment: **00/00/0000**Attorney Docket Number: **09743/013001**Status: **150 /PATENTED CASE**Confirmation Number: **2442**Examiner Number: **74770 / NASRI, JAVAID**Group Art Unit: **2839**Class/Subclass: **439/266.000**Lost Case: **NO**

Interference Number:

Unmatched Petition: **NO**L&R Code: Secrecy Code:**1**Third Level Review: **NO**Secrecy Order: **NO**Status Date: **09/14/2001**Oral Hearing: **NO**Title of Invention: **IC SOCKET FOR AN ELECTRIC PARTS WITH IMPROVED ELECTRICAL CONTACT**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09319127	28M1	06/29/2004	28E1	No Charge to Name	NGO,CHAU	JEF/00/C 05

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PALM INTRANET

Inventor Information for 10/662947

Inventor Name	City	State/Country
SHIMADA, HIDEO	KAWAGUCHI-SHI	JAPAN
MORI, KENTARO	KAWAGUCHI-SHI	JAPAN

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PALM INTRANET

Application Number Information

Application Number: **10/207818** Assignments

Filing Date: **07/31/2002**

Effective Date: **07/31/2002**

Application Received: **07/31/2002**

Patent Number:

Issue Date: **00/00/0000**

Date of Abandonment: **00/00/0000**

Attorney Docket Number: **1509.1021-RE**

Status: **90 /ALLOWED -- NOTICE OF ALLOWANCE NOT YET MAILED**

Confirmation Number: **2822**

Examiner Number: **74770 / NASRI, JAVAID**

Group Art Unit: **2839**

Class/Subclass: **439/266.000**

Lost Case: **NO**

Interference Number:

Unmatched Petition: **NO**

L&R Code: Secrecy Code:**1**

Third Level Review: **NO**

Secrecy Order: **NO**

Status Date: **10/06/2003**

Oral Hearing: **NO**

Title of Invention: **IC SOCKET FOR ELECTRICAL PARTS WITH IMPROVED ELECTRICAL CONTACT**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
10207818	28M1	08/03/2004	28E1	No Charge to Name	NGO,CHAU	JEF/00/C 05

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PALM INTRANET

Application Number Information

Application Number: **09/319127** Assignments

Filing Date: **06/01/1999**

Effective Date: **06/01/1999**

Application Received: **06/01/1999**

Patent Number: **6296503**

Issue Date: **10/02/2001**

Date of Abandonment: **00/00/0000**

Attorney Docket Number: **09743/013001**

Status: **150 /PATENTED CASE**

Confirmation Number: **2442**

Examiner Number: **74770 / NASRI, JAVAID**

Group Art Unit: **2839**

Class/Subclass: **439/266.000**

Lost Case: **NO**

Interference Number:

Unmatched Petition: **NO**

L&R Code: Secrecy Code:**1**

Third Level Review: **NO**

Secrecy Order: **NO**

Status Date: **09/14/2001**

Oral Hearing: **NO**

Title of Invention: **IC SOCKET FOR AN ELECTRIC PARTS WITH IMPROVED ELECTRICAL CONTACT**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09319127	28M1	06/29/2004	28E1	No Charge to Name	NGO,CHAU	JEF/00/C 05

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Patent Assignment Abstract of Title

Total Assignments: 1

Application #: 09319127

Filing Dt: 06/01/1999

Patent #: 6296503

Issue Dt: 10/02/2001

PCT #: NONE

Publication #: NONE

Pub Dt:

Inventors: HIDEO SHIMADA, KENTARO MORI

Title: IC SOCKET FOR AN ELECTRIC PARTS WITH IMPROVED ELECTRICAL CONTACT

Assignment: 1

Reel/Frame: 010192/0331 **Received:** 08/30/1999 **Recorded:** 08/26/1999 **Mailed:** 10/28/1999 **Pages:** 2

Conveyance: ASSIGNMENT OF ASSIGNEES INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: SHIMADA, HIDEO
MORI, KENTARO

Exec Dt: 05/18/1999
Exec Dt: 05/18/1999

Assignee: ENPLAS CORPORATION
30-1, NAMIKI 2-CHOME, KAWAGUCHI-SHI
SAITAMA-KEN 332-0034, JAPAN

Correspondent: FISH & RICHARDSON P.C.

SCOTT C. HARRIS
4225 EXECUTIVE SQUARE, SUITE 1400
LA JOLLA, CA 92037

Search Results as of: 12/7/2004 7:48:44 A.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723
Web interface last modified: Oct. 5, 2002

Litigation involving patent 6,296,503

Click on the docket number to view the docket.
Click on the above patent number to view the patent.

Docket ▲ Case Heading ▲ Date Filed ▲ Date Retrvd ▲

There are no cases involving this patent number.

Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents [\[i\]](#)
Terms: patno=6296503 ([Edit Search](#))

319127 (09) 6296503 October 2, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6296503

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[Link to Claims Section](#)

October 2, 2001

Socket for an electric part

REISSUE: July 31, 2002 - Reissue Application filed Ex. Gp.: 2839; Re. S.N. 10/207,818 (O.G. October 29, 2002)

September 16, 2003 - Reissue Application filed Ex. Gp.: 2833; Re. S.N. 10/662,947 (O.G. July 13, 2004)

INVENTOR: Shimada, Hideo - Kawaguchi, Japan (JP)

CERT-CORRECTION: April 15, 2003 - a Certificate of Correction was issued for this patent (O.G. May 6, 2003)

APPL-NO: 319127 (09)

FILED-DATE: June 1, 1999

GRANTED-DATE: October 2, 2001

PRIORITY: October 3, 1997 - 9287963, Japan (JP); November 28, 1997 - 9344024, Japan (JP)

ASSIGNEE-AT-ISSUE: Enplas Corporation, Saitama-ken, Japan (JP), 03

ASSIGNEE-AFTER-ISSUE: August 26, 1999 - ASSIGNMENT OF ASSIGNS INTEREST (SEE DOCUMENT FOR DETAILS)., ENPLAS CORPORATION 30-1, NAMIKI 2-CHOME, KAWAGUCHI-SHI SAITAMA-KEN 332-0034 J APAN, Reel and Frame Number: 010192/0331

LEGAL-REP: Fish & Richardson P.C. - #0

PUB-TYPE: October 2, 2001 - Utility Patent having no previously published pre-grant publication (B1)

PUB-COUNTRY: United States (US)

PCT-FILED-DATE: October 1, 1998

PCT-APPL-NO: JP9804440

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patno=6296503

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Use connectors to show relationships between search terms. (Hover over a connector for description. Click a connector to add to search.)

Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

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Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us6296503/pn

**** SS 5: Results 1**

Search statement 6

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US6296503 B1 20011002 [US6296503]
TI - (B1) IC socket for electrical parts with improved electrical contact
PA - (B1) ENPLAS CORP (US)
PA0 - Enplas Corporation, Saitama-ken [JP]
IN - (B1) SHIMADA HIDEO (JP)
AP - US31912799 19990601 [1999US-0319127]
FD - PCT/JP98/04440 19981001 [1998WO-JP04440]
WO99/18636 19990415 [WO9918636]
PR - JP28796397 19971003 [1997JP-0287963]
JP34402497 19971128 [1997JP-0344024]
WOJP9804440 19981001 [1998WO-JP04440]
IC - (B1) H01R-011/22
EC - H05K-007/10E2
PCL - ORIGINAL (O) : 439266000
DT - Basic (replaces original non EP official language basic.)
CT - US5713751
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - An socket for an electrical part comprises a socket body provided with a mount portion on which an IC package as "electrical part" is mounted, a plurality of contact pins attached to the socket body so as to be electrically conductive to an IC lead of the IC package, and an upper operation member provided for the socket body to be vertically movable. The contact pins are provided with a stationary contact piece having a stationary contact portion contacting a lower surface of the IC lead and a movable contact piece having a movable contact portion contacting an upper surface of the IC lead, and when the upper operation member is vertically moved, the movable contact portion is displaced so as to be contacted to or separated from the terminal. In such an IC socket as "socket for an electrical part" contacted to or separated from the IC lead, the stationary contact piece of the contact pin is formed with an engagement portion to be engaged and the socket body is formed with an engaging portion for limiting the upper movement of the stationary contact piece in engagement with the engagement portion.
UP - 2001-41

12/7/04

US 6,296,503

10/662947

1 / 1 LGST - @EPO
PN - US6296503 B1 20011002 [US6296503]
AP - US31912799 19990601 [1999US-0319127]
ACT - 20021029 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20020731

20030415 US/CC-A
CERTIFICATE OF CORRECTION

20040713 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030916

UP - 2004-30

1 / 1 CRXX - @CLAIMS/RRX
AN - 3582229
PN - 6,296,503 A 20011002 [US6296503]
PA - Enplas Corp JP
PT - M (Mechanical)
ACT - 20020731 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20021029
REISSUE REQUEST NUMBER: 10/207818
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2839

Reissue Patent Number:

20030916 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040713
REISSUE REQUEST NUMBER: 10/662947
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2833

Reissue Patent Number:

UP - 2002-44
UACT - 2004-07-13

Search statement 6

Query/Command : fam us6296503/pn

1 Patent Groups.
** SS 6: Results 4

Search statement 7

Query/Command : famstate nonstop

1 / 4 *PLUSPAT - ©QUESTEL-ORBIT - image*
PN - JP11111417 A 19990423 [JP11111417]
STG - (A) Doc. Laid open to publ. Inspec.
TI - (A) SOCKET FOR ELECTRIC COMPONENT
PA - (A) ENPLAS CORP
PAO - (A) ENPLAS CORP
IN - (A) SHIMADA HIDEO
IC - (A) H01R-033/76 H01R-033/97
AP - JP28796397 19971003 [1997JP-0287963]
PR - JP28796397 19971003 [1997JP-0287963]

2 / 4 *PLUSPAT - ©QUESTEL-ORBIT - image*
PN - JP11162603 A 19990618 [JP11162603]
STG - (A) Doc. Laid open to publ. Inspec.
TI - (A) SOCKET FOR ELECTRIC COMPONENT
PA - (A) ENPLAS CORP
PAO - (A) ENPLAS CORP
IN - (A) MORI KENTARO
IC - (A) H01L-023/32 H01R-033/76
AP - JP34402497 19971128 [1997JP-0344024]
PR - JP34402497 19971128 [1997JP-0344024]

3 / 4 *PLUSPAT - ©QUESTEL-ORBIT - image*
PN - US6296503 B1 20011002 [US6296503]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) IC socket for electrical parts with improved electrical contact
PA - (B1) ENPLAS CORP (US)
PAO - Enplas Corporation, Saitama-ken [JP]
IN - (B1) SHIMADA HIDEO (JP)
IC - (B1) H01R-011/22
AP - US31912799 19990601 [1999US-0319127]
PR - JP28796397 19971003 [1997JP-0287963]
 JP34402497 19971128 [1997JP-0344024]
 WOJP9804440 19981001 [1998WO-JP04440]
EC - H05K-007/10E2
PCL - ORIGINAL (O) : 439266000
DT - Basic (replaces original non EP official language basic.)
UP - 2001-41

1 / 1 *LEGALI - ©EPO*
PN - US6296503 B1 20011002 [US6296503]
AP - US31912799 19990601 [1999US-0319127]
ACTE - 20021029 US/RF-A
 REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20020731

 20030415 US/CC-A
 CERTIFICATE OF CORRECTION

 20040713 US/RF-A
 REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20030916
UP - 2004-30

4 / 4 *PLUSPAT - ©QUESTEL-ORBIT - image*
PN - WO9918636 A1 19990415 [WO9918636]
STG - (A1) Publ. Of int. Appl. With int. Search rep
TI - (A1) SOCKET FOR AN ELECTRIC PART
OTI - (A1) PRISE FEMELLE POUR PIECE ELECTRIQUE
PA - (A1) ENPLAS CORP (JP); SHIMADA HIDEO (JP); MORI KENTARO (JP)
PA0 - ENPLAS CORPORATION ; 30-1, Namiki 2-chome Kawaguchi-shi
Saitama-ken 332-0034 (JP) (except US)
SHIMADA, Hideo ; Enplas Corporation 30-1, Namiki 2-chome
Kawaguchi-shi Saitama-ken 332-0034 (JP) (only US)
MORI, Kentaro ; Enplas Corporation 30-1, Namiki 2-chome
Kawaguchi-shi Saitama-ken 332-0034 (JP) (only US)
IN - (A1) SHIMADA HIDEO (JP); MORI KENTARO (JP)
IC - (A1) H01L-023/32 H01R-033/76
LA - JAPANESE (JPN)
AP - WOJP9804440 19981001 [1998WO-JP04440]
PR - JP28796397 19971003 [1997JP-0287963]
JP34402497 19971128 [1997JP-0344024]
EC - H05K-007/10E2
DS - KR; US
DT - Basic

1 / 1 *LEGALI - ©EPO*
PN - WO9918636 A1 19990415 [WO9918636]
AP - WOJP9804440 19981001 [1998WO-JP04440]
ACTE - 19990415 WO/AK [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH
REPORT
KR US

19990601 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
US 1999 319127A 19990601 [1999US-0319127]
UP - 2003-22

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Terms and Connectors Natural Language

6296503 or 6,296,503

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Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

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- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

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*Enter Search Terms

Terms and Connectors Natural Language

6296503 or 6,296,503

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*Search Connectors

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Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

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Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

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